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PTO/SB/21 (09-06)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL **FORM**

(to be used for all correspondence after initial filing)

Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/567,810-Conf. #7166 Filing Date February 9, 2006 First Named Inventor Oren Pereg, et al. Art Unit 2615 **Examiner Name** Not Yet Assigned Attorney Docket Number

6 Total Number of Pages in This Submission N0427.70003US00 ENCLOSURES (Check all that apply) After Allowance Communication Fee Transmittal Form Drawing(s) Appeal Communication to Board of Fee Attached Licensing-related Papers Appeals and Interferences Appeal Communication to TC Amendment/Reply Petition (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final **Proprietary Information Provisional Application** Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address Other Enclosure(s) (please Extension of Time Request Terminal Disclaimer Identify below): PTO Form 1449 **Express Abandonment Request** Request for Refund References Return Receipt Postcard CD, Number of CD(s) x Information Disclosure Statement Certified Copy of Priority Landscape Table on CD Document(s) Reply to Missing Parts/ Remarks Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name WOLF, GREENFIELD & SACKS, P.C. Signature Printed name Eric L. Amundsen Date Reg. No. March 5, 2007 46,518

Certificate of Mailing Under 37 CFR 1.8(a) I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Dated: MARCH 5, 2007 Signature: January (Janine Michalski)



DOCKET NO.: N0427.70003US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Pereg, et al.

Serial No.:

10/567,810

Confirmation No.:

7166

Filed:

February 9, 2006

For:

METHOD AND APPARATUS FOR SEGMENTATION OF

AUDIO INTERACTIONS

Examiner:

Not Yet Assigned

Art Unit:

2615

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 500 day of March, 2007.

anne Michalski

MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

STATEMENT FILED PURSUANT TO THE DUTY OF DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing of a first Office action on the merits in the above-identified case.

No fee or certification is required.

Serial No.: 10/567,810 -2- Art Unit: 2615

Conf. No.: 7166

PART III: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified PTO/SB/08). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application.

The Applicant would like to bring to the Examiner's attention the following co-pending applications that may contain subject matter related to this application:

Serial No.	Filing Date	Inventor(s)
10/478,577	November 24, 2003	Ra'Anana Vishai Elazar, et al.
10/480,365	December 10, 2003	Yeredor, et al.
10/510,358	October 5, 2004	Shay Gabay

PART_III. Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

- 1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
- 2. The enclosed form PTO-1449 (modified PTO/SB/08) be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
- 3. The citations for the information be printed on any patent which issues from this application.

Serial No.: 10/567,810 - 3 - Art Unit: 2615

Conf. No.: 7166

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his or her own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

By:

Eric L. Amundsen, Reg. No. 46,518 Wolf, Greenfield & Sacks, P.C.

600 Atlantic Avenue

Boston, Massachusetts 02210-2206

Telephone: (617) 646-8000

Docket No.: N0427,70003US00 **Dated:** March 5,2007

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MAR 0 7 2007 FOR PRO-1449 and B (modified PTO/SB/08)

Sheet

of

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICATION NO.: 10/567,810 ATTY. DOCKET NO.: N0427.70003US00 FILING DATE: February 9, 2006 CONFIRMATION NO.: 7166

APPLICANT: Pereg, et al.

EXAMINER: Not Yet Assigned GROUP ART UNIT: 2615

U.S. PATENT DOCUMENTS

Examiner's	Cite	U.S. Patent Do	cument	Name of Patentee or Applicant of Cited	Date of Publication or Issue	
Initials # No.			Kind Code	Document	of Cited Document MM-DD-YYYY	
		6,081,606		Hansen, et al.	06-27-2000	
		7,076,427		Scarano, et al.	07-11-2006	
		2002/0005898	A1	Kawda Ryoichi, et al.	01-17-2002	
		2003/0033145	Al	Petrushin	02-13-2003	
		2003/0163360	A1	Brian R. Galvin	08-28-2003	
		2004/0098295	Al	Sarlay, et al.	05-20-2004	
		2004/0141508	Al	Schoeneberger, et al.	07-22-2004	
		2004/0249650	Al	Freedman, et al.	12-09-2004	

FOREIGN PATENT DOCUMENTS

Examiner's	Cite	Foreign Patent Document		ment	Name of Patentee or Applicant of Cited	Date of Publication of	Translation
Initials #	No.	Office/ Country	Number	Kind Code	Document	Cited Document MM-DD-YYYY	(Y/N)
		DE	103 58 333	A1	Siemens AG	07-14-2005	
		EP	1 484 892	A2	Nortel Networks Limited	12-08-2004	-
		WO	02/37856	A1	Dynapel Systems, Inc.	05-10-2002	
		WO	03/067884	A1	Nice Systems, Ltd.	08-14-2003	
		wo	04/091250	A1	Telefonaktiebolaget LM Ericsson	10-21-2004	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials #	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		CHEN, et al.; A Data-Warehouse/OLAP Framework for Scalable Telecommunication Tandem			
		Traffic Analysis; HP Labs; qchen.mhsu.dayal@hpl.hp.com.			
		SERTAINTY™ Automated Quality Monitoring; ©2003 SER Solutions, Inc. www.ser.com			
		SERTAINTY™ Agent Performance Optimization; ©2005 SER Solutions, Inc. www.ser.com			
•		LAWRENCE P. MARK; Sertainty™ Automated Quality Assurance; ©2003-2005 SER Solutions, Inc.	-		
		REYNOLDS, et al.; Robust Text-Independent Speaker Identification Using Gaussian Mixture Speaker Models; <i>IEEE Transactions on Speech and Audio Processing</i> , Vol. 3, No. 1,pgs. 72-83; January 1995.			
		CHAUDHARI, et al.; Very Large Population Text-Independent Speaker Identification using Transformation Enhanced Multi-Grained Models; IBM T.J. Watson Research Center. October 2000.			
		REYNOLDS, et al.; Speaker Verification Using Adapted Gaussian Mixture Models; M.I.T. Lincoln Laboratory; Digital Signal Processing 10, pgs. 19-41 (October 1, 2000).			

FORM PTO-1449/A and B (modified PTO/SB/08)			d PTO/SB/08)	APPLICATION NO.: 10/567,810	ATTY. DOCKET NO.: N0427.70003US00
	RMATION I		ŕ	FILING DATE: February 9, 2006	CONFIRMATION NO.: 7166
	TEMENT BY			APPLICANT: Pereg, et al.	
				CROVE ARTHUR ACLE	
Sheet	2	of	2	GROUP ART UNIT: 2615	EXAMINER: Not Yet Assigned

OTHER ART — NON PATENT LITERATURE DOCUMENTS (Continued)

ZIGEL, et al.; How to Deal with Multiple-Targets in Speaker Identification Systems?; NICE Systems Ltd., Audio Analysis Group.	****
BIMBOT, et al.; A Tutorial on Text-Independent Speaker Vertification; EURASIP Journal on Applied Signal Processing; pgs. 430-451; ©2004 Hindawi Publishing Corporation.	-
MUTHUSAMY, et al.; Reviewing Automatic Language Identification; <i>IEEE Signal Processing Magazine</i> ; pgs. 33-41; October 1994.	
ZISSMAN; Comparison of Four Approaches to Automatic Language Identification of Telephone Speech; <i>IEEE Transactions on Speech and Audio Processing</i> , Vol. 4, No. 1, pgs. 31-44; January 1996.	
AMIR, et al.; Towards an Automatic Classification of Emotions in Speech; Communications Engineering Department, Center for Technological Education Holon.	

EXAMINER:	DATE CONSIDERED:

[NOTE – No copies of U.S. patents, published U.S. patent applications, or pending, unpublished patent applications stored in the USPTO's Image File Wrapper (IFW) system, are included. See 37 CFR §1.98 and 1287OG163. Copies of all other patent(s), publication(s), unpublished, pending U.S. patent applications, or other information listed are provided as required by 37 CFR §1.98 unless 1) such copies were provided in an IDS in an earlier application that complies with 37 CFR §1.98, and 2) the earlier application is relied upon for an earlier filing date under 35 U.S.C. §120.]

[#] EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

^{*}a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. ___, filed ___, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).